

Section 1 - Identification of The Material and Supplier

The Hunter River Company Pty Ltd
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Phone: 03 5820 8444

Chemical nature: For the control of rabbits. To be used strictly as directed on the product label.

Trade Name: **Pastoral Ag Pindone Oat Rabbit Bait**

APVMA Code: 89721

Product Use: Ready for use rabbit bait.

Creation Date: **September, 2020**

This version issued: **September, 2020** and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA. Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

SUSMP Classification: S6

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated.

GHS Signal word: None.

HAZARD STATEMENTS:

May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

Keep out of reach of children.

Read label before use.

Keep / Store away from foodstuffs, beverages and animal feeding stuffs.

Do not get on skin.

Do not eat, drink or smoke when using this product.

Wear protective gloves.

Avoid release to the environment.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Store in a closed container.

Store locked up.

Dispose of contents/container in accordance with local regulations.

Emergency Overview

Physical Description & Colour: Green coloured (dyed) oat grains.

Odour: Characteristic oat odour.

Major Health Hazards: danger of cumulative effects. See Section 11 of this SDS.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc	TWA (mg/m ³)	STEL (mg/m ³)
Pindone	83-26-1	0.5g/kg	0.1	not set
Oat Grain (dyed green)	n/a		not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

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Issued by: The Hunter River Company Pty Ltd

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Poisons Information Centre: 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand)

ADVICE FOR DOCTORS: Pindone is an indirect anticoagulant. Phytomenadione, Vitamin K1, is antidotal. Determine prothrombin times not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalizes. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Gently brush away excess solids. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact: Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the particles are removed, while holding the eyelid(s) open. Obtain medical attention if irritation persists, or if particles are lodged in surface of the eye(s). Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. Contact a Poisons Information Centre or a doctor.

Protection of first aiders: Use suitable protective equipment for surrounding materials.

Symptoms caused by exposure:

General Information: Severity of the symptoms described will vary depending on the concentration and length of exposure.

Inhalation: No symptoms known.

Ingestion: Rinse mouth. Do not induce vomiting. Call a medical doctor immediately.

Skin Contact: May cause irritation to skin.

Eye Contact: May cause slight irritation to eyes.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Thermal combustion of product may produce harmful gasses or vapours.

Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.

Fire Fighting: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat and remove them from the fire area if it can be done without risk. If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: May smoulder slowly.

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Autoignition temperature: No data.

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Flammability Class: No data.

Section 6 - Accidental Release Measures

Accidental release: Prevent further leakage or spillage if safe to do so. Prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dusts are likely to build up in clean up area, we recommend that you use a suitable Dust Mask.

Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill.

Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Avoid contact with skin and eyes. Avoid dust formation. Do not smoke eat or drink while handling this product. Always use good personal hygiene procedures when handling chemicals. Wash hands and face before eating, drinking or smoking. Read the label before use.

Storage: This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715

Protective Gloves: AS 2161

Industrial Clothing: AS2919

Industrial Eye Protection: AS1336 and AS/NZS 1337

Occupational Protective Footwear: AS/NZS2210

SWA Exposure Limits

TWA (mg/m³)

STEL (mg/m³)

Pindone

0.1

not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

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Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Green coloured (dyed) oat grains.
Colour:	Green
Odour:	Characteristic oat odour.
Odour Threshold:	No information available.
pH:	No information available.
Melting Point:	No information available.
Boiling Point:	No information available.
Flash Point:	No information available.
Evaporation Rate:	No information available.
Evaporation Factor:	No information available.
Flammability:	Non Flammable.
Other flammability:	No information available.
Vapour pressure:	No information available.
Vapour density:	No information available.
Relative density:	No information available.
Bulk density:	No information available.
Solubility(ies):	Insoluble.
Partition coefficient:	No information available.
Auto-ignition temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.
Explosive properties:	No information available.
Explosive under the influence of a flame:	No information available.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

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Section 10 - Stability and Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

Stability: Stable under normal conditions when used and stored in accordance with label.

Conditions to Avoid: None known.

Incompatible Materials: Water, strong oxidising agents.

Fire Decomposition: Combustion or thermal decomposition will produce toxic and irritant fumes.

Section 11 - Toxicological Information

Local Effects:

Target Organs: This product attacks the blood by reducing prothrombin levels.

Classification of Hazardous Ingredients

Pindone

Classification

Acute toxicity - category 3

Specific target organ toxicity (repeated exposure) - category 1

Hazardous to the aquatic environment (acute) - category 1

Hazardous to the aquatic environment (chronic) - category 1

Potential Health Effects

Pindone inhibits the manufacture of blood clotting factors (prothrombin), leading to a reduction in the clotting ability of the blood. Large single exposures can result in acute poisoning. However, Pindone is cumulative when given as a series of smaller doses over a period of 4 to 12 days. This causes anticoagulant poisoning with a long latent period between ingestion and mortality, resulting in death due to internal haemorrhaging. One of the advantages of Pindone is the availability of an antidote in the case of accidental poisonings.

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is likely to be mechanically irritating. If exposure is minor or brief, no long term effects should result. However, if material is not removed promptly, scratches to surface of the eye may result with long term consequences.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. Although used as a bait to kill rabbits, this product is not acutely harmful; it works slowly and cumulatively. If swallowed, there is ample time for treatment.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

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Section 12 - Ecological Information

Some information on the hydrolytic stability of Pindone sodium is available from stability studies conducted over a 24 week period with an aqueous pindone concentrate (25 g/L). The pH of this solution is not disclosed, but would be expected to be neutral to alkaline. HPLC analysis revealed that the concentration of Pindone sodium declined linearly with time, with extrapolated half-lives of 370 weeks at 8.5°C, 27 weeks at 30.5°C, and 8.7 weeks at 39.5°C. Loss was assumed to reflect degradation, but no investigations were undertaken to identify breakdown products. Pindone is not expected to be mobile in soils, by analogy with chlorophacinone and diphacinone. The sodium salt is water soluble and likely to be more mobile, although residues should not persist. This assumption is based on surrogate data for chlorophacinone and diphacinone which are not particularly persistent.

Section 13 - Disposal Considerations

Disposal: You should not attempt to reclaim or recycle this product. We suggest that, subject to the regulations in your area, this product should be disposed in landfill.

Section 14 - Transport Information

Not classified as dangerous for transport within Australia.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Pindone, is mentioned in the SUSDP.

Section 16 - Other Information

Revision date:	September 2020
Revision:	1
Supersedes date:	-
Complete hazard statements:	H303: May be harmful if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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